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10/24/2001 WAK Substitute for Form PTO-SB/08A, which is a US PTO
Substitute for form 1449A/PTO and 1449B/PTO**INFORMATION DISCLOSURE
STATEMENT BY APPLICANT**

(use as many sheets as necessary)

Sheet 1 of 3

Complete if Known

Application Number	09/498,046
Filing Date	February 4, 2000
First Named Inventor	Sabine Neiryck
Prior Art Unit	1648
Examiner Name	Stacy Brown Chen
Attorney Docket Number	VIB-103.0 (1796/97843)

U.S. PATENT DOCUMENTS

Examiner Initials*	Cite No.†	Document Number Number - Kind Code* (if known)	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
	E1	5,871,747	2-16-1999	Gengoux-Sedlik et al. (English)	

FOREIGN PATENT DOCUMENTS

Examiner Initials*	Cite No.†	Foreign Patent Document Country Code* Number* Kind Code* (if known)	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	T§
	E2	WO 94/06472	31 March 1994	Gengoux et al. (Femish)	abstract only	
	E3	AU 49273 90	09 Aug 1990	Highfield et al.		
	E4	WO 98/23735	04 June 1998	Mizzen et al.		

OTHER ART - NON PATENT LITERATURE DOCUMENTS

Examiner Initials*	Cite No.†	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published	T§
	E5	Opposition Letter dated Sept. 4, 2006 to European Patent No. EP 0 996 717 B1	
	E6	Notice of Opposition to European Patent No. EP 0 996 717 B1 dated Sept. 5, 2006	
	E7	Opposition Letter dated Sept. 5, 2006 to European Patent No. EP 0 996 717 B1	
	E8	Opposition Letter dated Sept. 7, 2006 to European Patent No. EP 0 996 717 B1	
	E9	Stepushkin et al., Vaccine, Vol. 13, No. 15, pp 1399-1402 1995 "Protection of Mice Against Influenza A Virus Challenge by Vaccination with Baculovirus-Expressed M2 Protein"	
	E10	Powells et al., Journal of Biotechnology 44 (1996) 183-192 "The Potential of Lactobacillus as a Carrier for Oral Immunization: Development and Preliminary Characterization of Vector Systems for Targeted Delivery of Antigens"	
	E11A	(English version) Insertie Van Nucleoproteïne T-Cel Epitop Van Het Influenza A Virus in Het M2-Hepatitis B Core Fusie-Eiwit, by Bart Bamps, Promotor: Professor Willy Min Jou, Begeleider: Sabine Neiryck, Laboratorium voor Moleculaire Biologie VIB, Universiteit GENT, Academiejaar 1996-1997, Academic Degree obtained July 2, 1997	
	E11B	(Flemish version) Insertie Van Nucleoproteïne T-Cel Epitop Van Het Influenza A Virus in Het M2-Hepatitis B Core Fusie-Eiwit, by Bart Bamps, Promotor: Professor Willy Min Jou, Begeleider: Sabine Neiryck, Laboratorium voor Moleculaire Biologie VIB, Universiteit GENT, Academiejaar 1996-1997, Academic Degree obtained July 2, 1997	

Examiner
Signature

Date

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INFORMATION DISCLOSURE STATEMENT BY APPLICANT

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Sheet 2 of 3

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First Named Inventor	Sabine Neyrnyck
Prior Art Unit	1648
Examiner Name	Stacy Brown Chen
Attorney Docket Number	VIB-103.0 (1796/97843)

E12A	(English version) Een Expressieplasmide Leidend Tot De Presentatie Van Influenza M2 Eiwitpeptiden Op Het E. Coli Celoppervlak, by Sabine Neyrnyck, Promotor: Professor W. Fiers, Laboratorium voor Moleculaire Biologie VIB, Rijksuniversiteit GENT, Academiejaar 1987-1988, Academic Degree obtained September 30, 1988	
E12B	(Flemish version) Een Expressieplasmide Leidend Tot De Presentatie Van Influenza M2 Eiwitpeptiden Op Het E. Coli Celoppervlak, by Sabine Neyrnyck, Promotor: Professor W. Fiers, Laboratorium voor Moleculaire Biologie VIB, Rijksuniversiteit GENT, Academiejaar 1987-1988, Academic Degree obtained September 30, 1988	
E13	Lamb, R.A., et al., "Influenza Virus M2 Protein is an Integral Membrane Protein Expressed on the Infected-Cell Surface," <i>Cell</i> 40:627-633 (1985).	
E14	Charbit, A., et al., "Probing the Topology of a Bacterial Membrane Protein by Genetic Insertion of a Foreign Epitope; Expression at the Cell Surface," <i>EMBO J.</i> 5:3029-3037 (1986)	
E15	Charbit, A., et al., Presentation of Two Epitopes of the preS2 Region of Hepatitis B Virus on Live Recombinant Bacteria," <i>J. Immunol.</i> 139:1658-1664 (1987);	
E16	Francis, M.J., et al., "Peptide Vaccines Based on Enhanced Immunogenicity of Peptide Epitopes Presented with T-Cell Determinants or Hepatitis B Core Protein," In: <i>Antibodies, Antigens, and Molecular Mimicry, Methods in Enzymology</i> Vol. 178, J.J. Lagone, editor, pages 659-676, Academic Press, Inc., New York (1989)	
E17	Borisova, G.P., et al., "Recombinant Core Particles of Hepatitis B Virus Exposing Foreign Antigenic Determinants on Their Surface," <i>FEBS Letters</i> 259: 121-124 (1989);	
E18	Clarke, B.E., et al., "Presentation and Immunogenicity of Viral Epitopes on the Surface of a Hybrid Hepatitis B Virus Core Particles Produced in Bacteria," <i>J. General Virology</i> 71: 1109-1117 (1990);	
E19	Francis, M.J., et al., "Immunological Properties of Hepatitis B Core Antigen Fusion Proteins," <i>Proc Natl. Acad. Sci.</i> 87:2545-2549 (1990);	
E20	Clarke, B.E., et al., "Improved Immunogenicity of a Peptide Epitope After Fusion to Hepatitis B Core Protein," <i>Nature</i> 330:381-384 (1987);	
E21	Brown, A.L., et al., "Foreign Epitopes in Immunodominant Regions of Hepatitis B Core Particles are Highly Immunogenic and Conformationally Restricted," <i>Vaccine</i> 9:595-601 (1991);	
E22	von Brunn, A., et al., "Principal Neutralizing Domain of HIV-1 is Highly Immunogenic when Expressed on the Surface of Hepatitis B Core Particles," <i>Vaccine</i> 11:817-824 (1993);	
E23	Pumpens, P., et al., "Hepatitis B Virus Core Particles as Epitope Carriers," <i>Intervirology</i> 38:63-74 (1995);	
E24	Zebadee, S.L., et al., "Characterization of the Influenza Virus M2 Integral Membrane Protein and Expression at the Infected-Cell Surface from Cloned cDNA," <i>J. Virology</i> 56:502-511 (1985);	
E25	Zebadee, S.L., et al., "Influenza A Virus M2 Protein: Monoclonal Antibody Restriction of Virus Growth and Detection of M2 in Virions," <i>J. Virology</i> 62(8): 2762-2772 (1988);	
E26	Katz, J.M., et al., "Immune Mechanisms of Protection Induced by Vaccination of BALB/c Mice with Influenza A Virus M2 Protein," In: <i>Options for the Control of Influenza III</i> , Leo Brown, et al. (eds.), pages 837-843 Elsevier, B.V., (1996)	
E27	Siepushkin, V.A., et al., "Protection of Mice Against Influenza A Virus Challenge by Vaccination with Baculovirus-Expressed M2 Protein," <i>Vaccine</i> 13:1399-1402 (1995).	
E28	Treanor, J.J., et al., "Passively Transferred Monoclonal Antibody to the M2 Protein Inhibits Influenza A Virus Replication in Mice," <i>Journal of Virology</i> 64(3):1375-1377 (1990)	
E29	Black, R.A. et al., "Antibody Response to the M2 Protein of Influenza A Virus Expressed in Insect Cells," <i>Journal of General Virology</i> 74:143-146 (1993)	
E30	Hongo, S. et al., "Characterization of a Second Protein (CM2) Encoded by RNA Segment 6 of Influenza C Virus," <i>Journal of Virology</i> 71(4):2786-2792 (Apr. 1997)	
E31	Milich, D.R. et al., "The Hepatitis Nucleocapsid as a Vaccine Carrier Moiety", <i>An NY Acad Sci</i> 754: 187-201 (1995)	

Examiner Signature	Date Considered
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